



TO: Board of Contracts and Awards
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer *KDK*
Basel Kitmitto, P.E., Project Manager, Public Works Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and
Doreen Klaaskate, Finance/Purchasing
SUBJECT: Pacific Ave (SR 7) Corridor – Intersection Signal Improvements
Request for Bids Specification No. PW18-0460F– June 18, 2019
DATE: May 30, 2019

RECOMMENDATION SUMMARY:

The Public Works Department recommends a contract be awarded to the second low bidder Transportation Systems Inc, Sumner, WA, in the amount of \$771,945.00, plus a 15 percent contingency, for a cumulative total of \$887,736.75, plus any applicable taxes, budgeted from the 1060-CAPTL Transportation Capital Projects Fund, for intersection safety improvements.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Ensure all Tacoma residents are valued and have access to resources to meet their needs.
- Assure outstanding stewardship of the natural and built environment.
- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

The proposed project will provide intersection safety improvements at select intersections by increasing visibility of traffic signals with larger traffic signal heads and installing pedestrian crossing improvements. The project will also implement traffic signal timing improvements along the corridor.

BACKGROUND:

The Pacific Avenue/SR 7 Corridor Improvement project is located between South 34th Street and South 96th Street. Based on analysis of crash data provided by the Washington State Department of Transportation (WSDOT) and proposed City of Tacoma countermeasures, the project was selected to receive a Highway Safety Improvement Program grant. The installation of the proposed safety improvements will be independent of Pierce Transit’s future projects.

ISSUE: This project will improve the visibility of traffic signal heads and provide upgrades to signal infrastructure by installing accessible countdown pedestrian signals, push buttons, and improving crosswalks and signage at the following intersections:

- Pacific Ave./SR 7 & S. 34th St.
- Pacific Ave./SR 7 & S. 46th St.
- Pacific Ave./SR 7 & S. 48th St.
- Pacific Ave./SR 7 & S. 76th St.

ADA compliant curb ramps will be installed at the intersection of Pacific Avenue/SR 7 and South 48th Street.



The project will also install traffic signal equipment at the intersections between South 34th Street and South 96th Street designed to improve vehicle progression along the corridor, reduce vehicle idle time, and to facilitate pedestrian signalized crossing improvements.

ALTERNATIVES: The alternative is to continue regulating intersections with the existing pedestrian and traffic control measures. This would not support the City’s strategic policy to strengthen and support a safe city.

COMPETITIVE SOLICITATION:

Request for Bids Specification No. PW18-0460F was opened April 30, 2019. No companies were invited to bid in addition to normal advertising of the project. Five submittals were received. Transportation Systems Inc submitted a bid that resulted in the lowest evaluated submittal after consideration of Underutilized Disadvantaged Business Enterprise (UDBE) participation goals and requirements. The low bid was deemed non-responsive by Washington State Department of Transportation for not meeting the Mandatory UDBE Goal requirements in accordance with Project Special Provision 1-07.11. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal</u> <u>Amount</u>
Titan Earthwork LLC*	Pacific, WA	\$685,888.00
Transportation Systems Inc	Sumner, WA	\$771,945.00
Sound Pacific Construction LLC	Gig Harbor, WA	\$845,875.50
Northeast Electric LLC	Woodland, WA	\$855,666.00
Active Construction Inc	Puyallup, WA	\$886,886.00

*Non-responsive bid

Pre-bid Estimate: \$723,000.00

The recommended award is 6.8 percent above the pre-bid estimate.

Based on the estimated working days staff believes this project will result in 3,360 labor hours.

CONTRACT HISTORY: New Contract

SUSTAINABILITY: The project will improve the City’s infrastructure and the safety of residents by providing enhanced pedestrian crossings, ADA curb ramps and upgraded traffic and pedestrian facilities. Signal timing will also be evaluated and modified to decrease idle times at intersections to reduce vehicle emissions.

UNDERUTILIZED DISADVANTAGED BUSINESS ENTERPRISE:

The recommended contract is in compliance with 49 Code of Federal Regulations Part 26 per memorandum dated May 2, 2019. The UDBE goal for this project is five percent, and the UDBE participation is five percent. There are no designated training hours for this project.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
1060 CAPTL – Transportation Capital Projects	PWK-G0013-05-01	5330100	\$887,736.75
TOTAL			\$887,736.75

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
FHWA HSIP Grant	PWK-G0013-FS-AD-04	4333240	\$674,550.00
1065-ENGR Fund	PWK-G0013-FS-AD-02	6311000	\$140,000.00
Motor Vehicle Fuel Tax (MVFT)	PWK-G0013-FS-AD-01	6311067	\$ 73,186.75
TOTAL			\$887,736.75

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$887,736.75

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A